CLAIMS

1. A digital camera comprising;

an electronic flash device that radiates light toward an object to be photographed;

a white-balance sensor for performing a white-balance adjustment, said white-balance sensor and said electronic flash device being connected to each other; and

a rotating mechanism that rotates said white-balance sensor and said electronic flash device to selectively make one of said electronic flash device and said white-balance sensor face said object.

2. A digital camera according to claim 1, wherein said electronic flash device and said white-balance sensor form a rotatable body.

3. A digital camera according to claim 1, further comprising,

a photographing optical system;

a zooming system that adjusts the focal length of said photographing optical system; and

a moving mechanism that moves said white-balance sensor and said electronic flash device in a direction parallel to the optical axis of said photographing optical system, in accordance with said focal length.

4. A digital camera according to claim 3, wherein the shorter said focal length, the closer said white-balance sensor and said electronic flash device are to said object.

5. A digital camera according to claim 3, further comprising,

a lens barrel that is rotated so that said zooming system adjusts said focal length;

a cam plate that has grooves with which said white-balance sensor, said electronic flash device, and said photographing optical system are engaged, and that moves in a direction perpendicular to said optical axis in association with a rotation of said lens barrel, to function as both said zooming system and said moving mechanism.

6. A digital camera according to claim 1, wherein said white balance sensor is set to face said object when said digital camera is actuated.

7. A digital camera according to claim 1, further comprising a light-emitting lens that is arranged in front of said white-balance sensor and said electronic flash device.